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BOROUGH OF BUXTON

Annual Report

of the

Medical Officer of Health

and

Senior Sanitary Inspector

For the Year 1946.

Printed at the "Advertiser" Printing Works, Palace Road.

Public Health Officers of the Authority.

Medical Officer of Health, Superintendent of Child Welfare Centre and Medical Superintendent of Isolation Hospital :

GEORGE COCHRANE, M.A., M.B., Ch.B., D.P.H.

Senior Sanitary Inspector :

W. O. COATES, F.R.San.I., F.S.I.A.

(Cert. Inspector of Meat and Other Foods).
(Absent from 1st January, 1946. Resigned 31st March, 1946, due to ill-health)

Second (Acting Senior) Sanitary Inspector :

HARRY PEARSON, Cert. S.I.B., M.S.I.A., A.R.I.P.H. & H.

(On Active Service until 3rd January, 1946).

Second Additional Sanitary Inspector :

L. R. KNOWLES, A.R.San.I., M.S.I.A., Cert. S.I.B.

Senior Clerk and Typist :

Mrs. M. BALL.

(Resigned 20th July, 1946).

Miss V. M. HAMBLETON.

(Commenced 6th August, 1946).

Junior Clerk :

Miss M. MATTHEWS.

(Resigned 25th October 1946).

Miss J. YATES.

(Commenced 18th November, 1946 .

Pupil Sanitary Inspector :

H. W. MYCOCK.

(On Active Service from 24th May, 1943).

Meat Inspector :

R. S. HOWE, M.R.C.V.S., D.V.S.M. (Vict.)

Superintendent Health Visitor :

Miss L. HOUGH, S.R.N., S.C.M., A.R.San.I., Cert. H.V.

Assistant Health Visitor :

Miss R. HEPPLESTONE, S.R.N., S.C.M., A.R.San.I., Cert. H.V.

(Commenced 11th February, 1946).

Matron and Charge Nurse, Isolation Hospital :

Miss M. A. ROBERTS.

BOROUGH OF BUXTON.

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BOROUGH OF BUXTON

Annual Report

OF THE

Medical Officer of Health.

For the Year 1946.

PUBLIC HEALTH DEPARTMENT,

PEAK BUILDINGS,

BUXTON.

To the Mayor, Aldermen and Burgesses of the Borough of Buxton.

Mr. Mayor, Ladies and Gentlemen,

I beg to present the Annual Report on the health of the Borough of Buxton for the year, 1946.

The report is still abbreviated and deals mainly with statistics.

The number of births for the year continues to exceed the pre-war figure, and totalled 301. Actually there were 420 babies born within the Borough, but of these 119 are not truly appropriate to the town and are regarded as transferable births. This large number, however, shows the extent of "additional" maternity work in the town, either in private houses or in maternity homes, and is an index of the service rendered by maternity homes to those outside the borough in the surrounding districts taking advantage of the facilities within the town. An analysis of the 420 births shows that 276 were born in Maternity Homes. This represents 65.71 per cent. of the total births and constitutes a strong argument for the establishment of a Maternity Hospital in the Borough rather than in the County Area. The live birth-rate per thousand population was 16.4 against 19.1 for England and Wales. The gain to the population ,however, is more evident by a comparison of the births with the deaths—301 against 233.

Heart disease maintaining its high toll of deaths claimed 82 lives, and was followed by Cancer of all sites with a total of 35, and Intracranial Vascular lesions with a total of 19.

There was no death from puerperal or other maternal causes.

Immunization against Diphtheria continued to be carried out and I desire to record my thanks to the Health Visitors for their assistance in this, as in other work, for their constant effort to persuade the parents of young children (1—5 years) to have the necessary treatment carried out. By December, 1946, 568 children between 1 and 5 years had completed the course.

Housing still remains a very pressing problem and there would appear to be many difficulties to be overcome to secure adequate accommodation. There is much overcrowding in the Borough. Too many are living in "split up" houses with a lack of the necessary amenities of life. Many have to tolerate bad conditions owing to dilapidations, deterioration of the property on account of age, shortage of materials and labour difficulties. The amount of work falling on the Sanitary Department, as a result, is greatly increasing.

I am, Mr. Mayor, Ladies and Gentlemen,

Your obedient Servant,

GEORGE COCHRANE.

Section A.

STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

The elevation of the District is from 950 to 1,200 feet above sea-level.

Area of the Borough: 5,959 acres.
Population: 18,300.

EXTRACTS FROM VITAL STATISTICS.

		M.	F.
Live Births—Legitimate	276	140	136
Illegitimate	25	17	8
Total	301	157	144
Birth Rate per 1,000 of the estimated resident population	16.44		
		M.	F.
Stillbirths—Legitimate	10	6	4
Illegitimate	2	1	1
Total	12	7	5
Stillbirth Rate per 1,000 total (live and still) births	38.33		
	Total	M.	F.
Deaths	233	122	111
Death Rate per 1,000 of the estimated resident population	12.73		

Deaths from puerperal causes:—	Deaths	Rate per 1,000 total (live and still) births
Puerperal sepsis	0	0.00
Other puerperal causes	0	0.00
Total	0	0.00

Death Rate of Infants under one year of age:—	
All infants per 1,000 live births	46.51
Legitimate infants per 1,000 legitimate live births	43.47
Illegitimate infants per 1,000 illegitimate live births	80.00
Deaths from Cancer (all ages)	35
Deaths from Measles (all ages)	1
Deaths from Whooping Cough (all ages)	0
Deaths from Diarrhœa (under 2 years)	2

There has been no unusual or excessive mortality during the year.

EPIDEMIC DISEASES.

4 deaths from Influenza occurred.

TUBERCULOSIS OF RESPIRATORY SYSTEM.

4 deaths occurred, giving a death-rate of 0.21 per 1,000.

CANCER.

35 deaths occurred, giving a death-rate of 1.91 per 1,000.

RESPIRATORY DISEASES.

21 deaths occurred, giving a death-rate of 1.14 per 1,000.

CAUSES OF DEATH IN BOROUGH OF BUXTON DURING YEAR 1946.

Causes of Death.	Males.	Females.
All Causes	122	111
1. Typhoid and Paratyphoid Fevers	—	—
2. Cerebro-Spinal Fever	—	—
3. Scarlet Fever	—	—
4. Whooping Cough	—	—
5. Diphtheria	—	—
6. Tuberculosis of Respiratory System ...	3	1
7. Other Forms of Tuberculosis	1	1
8. Syphilitic Diseases	1	—
9. Influenza	2	2
10. Measles	1	—
11. Acute Poliomyelitis and Polioencephalitis ...	—	—
12. Acute Infantile Encephalitis	—	—
13. Cancer of Buc: cav: and Œsoph; (M) Uterus (F)	1	5
14. Cancer of Stomach and Duodenum	2	1
15. Cancer of Breast	—	2
16. Cancer of all other sites	16	8
17. Diabetes	—	4
18. Intra-Cranial Vascular Lesions	8	11
19. Heart Disease	43	39
20. Other Diseases of the Circulatory System ...	3	3
21. Bronchitis	11	5
22. Pneumonia	1	2
23. Other Respiratory Diseases	1	1
24. Ulcer of Stomach or Duodenum	2	—
25. Diarrhœa, under 2 years	1	1
26. Appendicitis	1	1
27. Other Digestive Diseases	2	3
28. Nephritis	2	4
29. Puerperal and Post Abortive Sepsis... ...	—	—
30. Other Maternal Causes	—	—
31. Premature Birth	1	—
32. Congenital Debility, Birth Injury, Infant Diseases	3	3
33. Suicide	1	1
34. Road Traffic Accidents	1	—
35. Other Violent Causes	2	2
36. All Other Causes	12	11
Deaths of Infants under 1 year — Total ...	9	5
Deaths of Infants under 1 year — Legitimate ...	8	4
Deaths of Infants under 1 year — Illegitimate	1	1
Live Births ... ... — Total ...	157	144
Live Births ... ... — Legitimate ...	140	136
Live Births ... ... — Illegitimate	17	8
Stillbirths ... ... — Total ...	7	5
Stillbirths ... ... — Legitimate ...	6	4
Stillbirths ... ... — Illegitimate	1	1

BIRTH-RATES, DEATH-RATES, ANALYSIS OF MORTALITY, MATERNAL DEATH-RATES, AND CASE-RATES FOR CERTAIN INFECTIOUS DISEASES IN THE YEAR 1946.

ENGLAND AND WALES, LONDON, 126 COUNTY BOROUGHS AND GREAT TOWNS, AND 148 SMALLER TOWNS.

	Rate per 1,000 Pop'ltn		Rates per 1,000 Population.																			Rates per 1,000 Live Births		Rates per 1,000 Total Births (i.e. Live & Still)	
			Deaths.									Notifications I.D.										Deaths		Notifications	
	Live Births	Still-Births	All Causes	Typhoid and Paratyphoid fevers	Small-pox	Measles	Scarlet fever	Whooping cough	Diphtheria	Influenza	Violence	Small-pox	Scarlet Fever	Diphtheria	Cerebro Spinal Fever	Erysipelas	Pneumonia	Typhoid Fever	Paratyphoid Fever	Whooping Cough	Measles	Diarrhœa and Enteritis under 2 yrs.	Total Deaths under 1 yr.	Puerperal Fever	Puerperal Pyrexia
England & Wales ...	19.1	0·53	11·5	0.00	0·00	0.00	0.00	0.02	0.01	0.15	—	0.00	1.38	0.28	0.05	0.22	0.89	0.01	0.02	2.28	3.92	4.4	43	8.50	
126 County Boroughs and Great Towns, including London ...	22.2	0.67	12.7	0.00	0·00	0.01	0.00	0.02	0.01	0.13	—	0.00	1.51	0.32	0.05	0.25	1.02	0.01	0.02	2.48	4.73	6.1	46	10.35	
148 Smaller Towns (Estimated Resident Populations 25,000 to 50,000 at Census, 1931)	21·3	0·59	11·7	0.00	0·00	0·00	0.00	0·02	0.01	0.14	—	0.00	1·33	0·31	0.04	0.22	0.74	0.01	0.01	2.05	3.70	2.8	37	7.63	
London	21·5	0·54	12·7	0.00	—	0.01	0.00	0.02	0.01	0·12	—	0.00	1.42	0.24	0.06	0.27	0.75	0.01	0.01	2.22	7.35	4.2	41	9.68	
BUXTON	16·4	0·65	12·73	0.00	—	0·05	0.00	0.00	0.00	0·22	0·22	0.00	0.87	0.00	0.00	0.05	0.49	0.00	0.00	0.27	0.16	6.6	46.5	4.76	

	Abortion with sepsis	Abortion without sepsis	Puerperal Infections	Other
The maternal mortality rates for England and Wales are as follows :	0·13	0·06	0·18	1·06
The maternal mortality rates for **BUXTON** are as follows :	0·00	0.00	0.00	0.00

Section B.

GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA.

(a) Laboratory Facilities: Pathological and Bacteriological Investigations are carried out at the County Public Health Laboratory, Derby, and at the Devonshire Royal Hospital, Buxton.

(b) Ambulance Facilities: (i) Infectious Cases—Motor Fever Ambulance: (ii) Non-Infectious cases and accident cases are conveyed in a motor ambulance which is garaged in the centre of the town, and is under the supervision of the Health Committee. During 1945 a second ambulance, an A.R.P. vehicle, was purchased, and this was converted to become a first-class modern ambulance. The other Borough ambulance has now reached a stage when its replacement has become necessary.

(c) Nursing in the Home: The District Nursing Association provides for general nursing three nurses, who do, in addition, a certain amount of midwifery. A grant of £20 per annum is paid to the Association by the Borough Council for the home nursing and care of patients suffering from Measles, Ophthalmia Neonatorum, etc. During the year the number of visits paid was 104: Ophthalmia Neonatorum 64, Measles 30, and Whooping Cough 10.

(d) Clinics and Treatment Centres:—

Name and Situation.	Clinic Held.	By whom provided
Maternity and Child Welfare, Bridge Street.	Mon., 2—4. Wed., 2—4.	Borough of Buxton M. & C.W. Com.
Ante-Natal Clinic, Bridge St.	Sat., 10—11.	M. & C. W. Com.
School Clinic, Bridge Street.	Tues., 2—4.	Derbyshire C.C.
Dental Clinic, Peak Buildings.	Wed., Thurs., } 9—4.	,, ,,
Ear, Throat and Nose Clinic: Buxton & District Hospital.	First Sunday in each month.	,, ,,
Orthopædic Clinic, Bridge Street	Fourth Thursday in each month.	,, ,,
Tuberculosis Dispensary, Chinley	Mon., 11—1 2—4	,, ,,
Venereal Disease Clinic, Derby.		,, ,,

(e) Hospitals (Provided or subsidised by the Corporation):—

(1) Isolation Hospital, Ashwood Dale, Buxton. 26 beds. For cases of Scarlet Fever, Diphtheria, etc.

(2) Smallpox Hospital:—In spite of much correspondence no satisfactory settlement was reached for the treatment of any cases of Smallpox which might arise in the Borough. Negotiations are still in progress.

(3) Other Hospitals :—

(a) Buxton and District Hospital.
(b) Devonshire Royal Hospital.
(c) Ancoats Hospital, Manchester.
(d) Manchester Royal Infirmary.
(e) Stockport Infirmary.
(f) Children's Hospital, Pendlebury.
(g) Jessop Hospital for Women, Sheffield.
(h) St. Mary's Hospital for Women, Manchester.
(i) Tuberculosis Hospitals under Derbyshire C.C.

MATERNITY AND CHILD WELFARE.

1. Births Notified under Public Health Act, 1936 :—
(a) Live births, 408 (b) Still births, 12 (c) Total, 420.

2. Health Visiting :—

(a) Number of Health Visitors employed at the end of the year :
(1) By the Council : 2.
(2) By Voluntary Associations : 0.

(b) Equivalent of whole-time services devoted by the whole staff to Health Visiting (including attendance at Infant Welfare Centres) :—50 per cent.

(c) Number of visits paid during the year by all Health Visitors :
(i) To expectant mothers : First Visits 50
Total Visits 50
(ii) To children under 1 year of age :
First Visits 312
Total Visits 870
(iii) To children between the ages of 1 and 5 years :
Total Visits 1,514

3. Infant Welfare Centres :—

(a) Number of Centres provided and maintained by the Council : 1.

(b) Number of Centres provided and maintained by voluntary Associations : 0

(c) Total number of children under five years of age who first attended at the Centre during the year and who, on the date of their first attendance, were :—
(i) Under one year of age : 219
(ii) Over one year of age : 53.

(d) Total number of children under five years of age who attended at the Centre during the year and who, at the end of the year were :—
(i) Under one year of age : 167.
(ii) Over one year of age : 323

4. ANTE-NATAL AND POST-NATAL SERVICES :—

	Ante-natal	Post-natal
(a) Ante-Natal Clinics and Post-Natal Clinics (whether held at Infant Welfare Centres or at other premises) :—		
(i) Number of Clinics provided and maintained by the Council	1	1
(ii) Number of Clinics provided and maintained by voluntary Associations	0	0
(iii) Total number of women who attended at the Clinics during the year	32	4
(b) Total number of expectant mothers Ante-natally examined and of cases post-natally examined during the year, under arrangements made by the Council with private Medical Practitioners	0	0

5. DAY NURSERIES (including 24 hour Nurseries) :—

Nurseries maintained by the Council 0

6. RESIDENTIAL NURSERIES :

Nurseries maintained by the Council or Voluntary Associations 0

7. DAILY GUARDIANS :—

Number registered 0

8. HOME HELPS :—

No Home Help Scheme in operation.

9. MATERNITY HOMES AND HOSPITALS :—

(a) Institutions provided by Voluntary Associations, and subsidised by the Council :—

Number of Institutions	2
Number of Maternity Beds at 31/12/46	12
Total number of women admitted to these beds during the year	206
Number of these women admitted from the Council's area	105
Number of beds (included in the figures above) reserved for expectant mothers in need of hospital treatment	1
Total number of expectant mothers treated in these beds during the year	0

There are no separate Maternity Institutions nor other Institutions with Maternity Wards provided by the Council.

(b) Number of local women sent by the Council during the year to Maternity Institutions other than Institutions shown under (a) above 8

Name of Institution: St. Mary's Hospital, Manchester.

Number of Women sent: 8.

10. MATERNAL DEATHS :—

(a) Number of women who died in or in consequence of, child-birth in the area during the year :—

(i) from sepsis, Nil (ii) from other causes, Nil.

(b) Number of women who died :—

(i) at home, Nil (ii), in Institutions, Nil.

11. ILLEGITIMATE CHILDREN :—

All arrangements for this work carried out by the Health Visitors. No Mother and Baby Homes are provided by the Council or by Voluntary Associations.

12. CARE OF PREMATURE INFANTS :—

(a) Number of premature babies notified during 1946 whose mother is normally resident in the Council's area: 12.

(b) Premature babies have been sent to the Buxton and District Hospital.

(c) There is no special form of transport for the conveyance of these infants.

(d) On discharge these infants are visited by the Health Visitors. In those cases where a premature birth has occurred in hospital outside the area, for example, St. Mary's Hospital, Manchester, the notification of the premature birth is immediately followed up with a subsequent visit and care is carried out by the Health Visitors.

(e) Total number of premature babies notified during 1946 who were born :—

(i) at home 7

(ii) In Hospital or Nursing Home 13

(f) The number of those born at home :—

(i) who were nursed entirely at home..... 7

(ii) who died during the first 24 hours 1

(iii) who survived at the end of one month ... 4

(g) The number of those born in hospital or nursing home :—

(i) who died during the first 24 hours 3

(ii) who survived at the end of one month ... 2

13. Infectious Diseases :—

Number of cases notified during the year of :—

	Domiciliary Confinements	Institutional Confinements
Ophthalmia Neonatorum	Nil	Nil
Pemphigus Neonatorum	Nil	Nil
Puerperal Fever	Nil	1
Puerperal Pyrexia	Nil	1

14. Child Life Protection :—

(a) Number of children under nine received during the year by individual Foster Mothers : 2.

(b) Number of Child Protection Visitors at the end of the year :—
(i) Health Visitors 2
(ii) Other than Health Visitors ..... Nil

(c) Proceedings taken or Order applied for during the year ..... Nil

15. Adoption of Children : (Section 7 of the Adoption of Children (Regulation) Act, 1939) :—
(a) Number of persons who gave notice under Section 7 (3) during the year 3
(b) Total number of children in respect of whom notice was given under Section 7 (3) during the year ... 3

(c) Total number of children notified under Section 7 (3) :—
(i) under supervision at the end of the year... 3
(ii) who died during the year 0
(iii) on whom inquests were held during the year 0

Section C.

SANITARY CIRCUMSTANCES OF THE AREA.

Water Supply : The Borough is almost entirely covered by a piped supply, which in a year of normal average rainfall, meets the demand. There does arise, however, with a period of prolonged drought the question of larger storage accommodation. The water is mainly upland surface water. The supplies are tested chemically and bacteriologically at least once a month, and daily examinations are conducted for the Ph. A Chlorinating Plant is installed at each reservoir. 16 farms and 21 dwelling-houses situated in the rural outskirts of the Borough are not supplied from the mains. 12 houses in the rural portion of the Borough are supplied by two standpipes.

Swimming Baths : There are two swimming pools in the Borough, one owned by the Corporation and one privately owned. Neither pool is supplied with filtration or chlorinating plant.

Section D.

HOUSING STATISTICS.

Year ended 31st December, 1946.

Number of New Houses erected during the year :—

(a)	Total	62
(b)	As part of a Municipal Housing Scheme	50
(c)	Private Enterprise	12
(d)	Existing house converted into 2 houses	1
	Existing houses converted into flats (18)	7

Section E.

INSPECTION AND SUPERVISION OF FOOD.

(A) Milk Supply.

There are 30 cow-keepers on the register.

There are 57 Cowsheds at the 30 Dairy Farms in the Borough, the cubic space per cow varying from 200 cubic feet to 800 cubic feet. All the sheds are occupied by cows which are habitually turned out to grass during a part of the day throughout the year.

No formal action was taken under the Milk and Dairies Order, 1926.

Particulars of inspections :—

	No. on Register.	No. of Inspections.
Cowsheds	30	114
Dairies	24	189
Milkshops	16	69

As a result of inspection, 18 contraventions were remedied, and 5 other structural improvements effected.

Milk is also supplied from 24 sources outside the Borough, and is generally good.

343 specimens of milk were obtained and subjected to bacteriological examinations. 206 of the specimens were of "Designated" milks, and the remaining 137 were "non-designated."

3 supplies were found to include milk from animals affected with tuberculosis.

A summary of the results of examination is included in the Sanitary Inspector's Report.

Particulars of licences granted for the sale of milk under the Sale of Milk (Special Designations) Orders, 1936-41, are set out below :—

Dealers in Tuberculin Tested Milk	4
Dealers in "Accredited" Milk	0
Dealers in "Pasteurised" Milk	3
Refusals or revocation of licences	0

(B) MEAT.

(1) Meat Inspection.—See Meat Inspector's Report (Appendix A). (In case of absence, the Sanitary Inspector carries out this duty.)

(2) Administration of Public Health (Meat) Regulations, 1924, as regards stalls, shops, stores and vehicles. Inspected by the Sanitary Inspector.

(3) Slaughterhouses.

Privately owned slaughterhouses. None in use, owing to war-time legislation.

Meat for the Borough is distributed from a Government controlled slaughterhouse in an adjoining authority.

Section F.

PREVALENCE OF, AND CONTROL OVER, INFECTIOUS AND OTHER DISEASES.—GENERAL.

There was no marked epidemic of infectious disease during the year.

Diphtheria Anti-toxin is available free of charge to necessitous cases for prompt use.

Immunisation against Diphtheria was commenced in January, 1940. By the 31st December, 1946, the report to the Ministry of Health gave the following return :—

IMMUNISATION IN RELATION TO CHILD POPULATION.

Number of Children who had completed a full course of Immunisation at any time up to 31st Dec., 1946.

Age at 31.12.46 .. i.e. Born in Year	Under 1 1946	1 1945	2 1944	3 1943	4 1942	5 to 9 1937—1941	10 to 14 1932—1936	Total under 15
Number Immunised	6	113	152	163	134	926	817	2,311
Estimated mid-year population 1946	1,330					2,410		3,740

NOTIFIABLE DISEASES FOR YEAR 1946.

Disease.	Total Cases Notified (all ages)	Adm't'd to Hospital	Total Deaths	Analysis of Total Notified Cases in age groups.											
				0–1	1–2	2–3	3–4	4–5	5–10	10–15	15–20	20–35	35–45	45–60	60 and over
Acute Poliomyelitis	1	1	—	–	–	–	–	–	1	–	–	–	–	–	–
Malaria	1	1	—	–	–	–	–	–	–	–	–	1	–	–	–
Smallpox...	—	—	—	–	–	–	–	–	–	–	–	–	–	–	–
Scarlet Fever	16	11	—	–	2	–	2	–	5	2	2	1	1	1	–
Diphtheria	—	—	—	–	–	–	–	–	–	–	–	–	–	–	–
Enteric Fever (including Paratyphoid)	—	—	—	–	–	–	–	–	–	–	–	–	–	–	–
Puerperal Pyrexia	2	1	—	–	–	–	–	–	–	–	1	–	1	–	–
Pneumonia	9	—	3	–	1	–	3	–	1	1	–	–	1	1	1
Ophthalmia Neonatorum ...	—	—	—	–	–	–	–	–	–	–	–	–	–	–	–
C.S. Fever	—	—	—	–	–	–	–	–	–	–	–	–	–	–	–
Dysentery	1	1	—	–	–	–	–	–	1	–	–	–		–	–
Measles	3	—	1	1	–	1	–	–	1	–	–	–	–	–	–
Whooping Cough	5	—	—	–	1	2	1	1	–	–	–	–	–	–	–
Erysipelas	1	—	—	–	–	–	–	–	–	–	–	–	–	–	1
Observation Cases :— Diphtheria	—	3	—	–	–	–	1	–	–	–	1	–	1	–	–

PREVALENCE OF AND CONTROL OVER TUBERCULOSIS.

There is no special incidence of this disease in the district.

Number of cases notified during the year 20

Pulmonary 14

Non-pulmonary 6

There were 4 deaths from tuberculosis of the respiratory system, 2 deaths from non-pulmonary form occurred.

In case of death or removal the house is disinfected.

No action taken under the Public Health (Prevention of Tuberculosis) Regulations, 1925.

The methods of control are :—

(a) The Derbyshire County Sanatorium, which was opened in March, 1915, and has 100 beds—50 for males and 50 for females.

Patients are admitted by sending the patient to the Tuberculosis Officer at Chinley, when, if found suitable, they are put on the waiting list for admission.

(b) The Tuberculosis Dispensary at Lower Lane, Chinley. OPEN—Mondays.

TUBERCULOSIS.

NEW CASES AND MORTALITY DURING 1946.

Age Periods	New Cases				Deaths			
	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	M.	F.	M.	F.	M.	F.	M.	F.
0	...	...	...	...	...	...	...	...
1	...	...	1	1	...	...	1	...
5	...	...	2	2	...	...	...	...
15	2	...	...	...	...	...	...	...
25	1	2	...	...	...	...	...	...
35	2	1	...	...	...	...	...	...
45	2	...	...	...	2	...	...	...
55	2	...	...	...	2	...	...	...
65 and upwards ...	...	2	...	...	1	1	...	...
Totals	9	5	3	3	5	1	1	0

APPENDIX A.

REPORT OF THE MEAT INSPECTOR.

To The Mayor, Aldermen and Burgesses of the Borough of Buxton.

Mr. Mayor, Ladies and Gentlemen,

I have the honour of submitting for your consideration my report on meat inspection for the year ending 31st December, 1946.

The Ministry of Food continues the control of slaughtering and distribution of meat.

Since the closing of the Central Slaughterhouse in Buxton in September, 1943, all meat consumed within the Borough has come from the New Mills Depot.

All home killed meat which passes examination is marked with a rubber stamp by me and no unmarked meat is accepted in the Borough.

I wish to thank Mr. Pearson and his staff for their help during the past year.

Details of slaughterhouse and meat inspections are set forth in the following tables :—

CARCASES INSPECTED AND CONDEMNED.

	Cattle excluding Cows	Cows	Calves	Sheep and Lambs	Pigs
Number inspected	597	1,193	1,561	4,637	22
ALL DISEASES EXCEPT TUBERCULOSIS— Whole carcases condemned	8	21	7	5	0
Carcases of which some part or organ was condemned	117	298	19	193	0
Percentage of the number inspected affected with disease other than tuberculosis	19·9	24·8	1·07	4·3	0
TUBERCULOSIS ONLY— Whole carcases condemned	19	39	5	0	0
Carcases of which some part or organ was condemned	136	239	16	0	4
Percentage of the number inspected affected with tuberculosis	24·6	20·3	1·3	0	18·17

	Visits made
VISITS TO SLAUGHTERHOUSES	191

DISEASED OR UNSOUND MEAT SURRENDERED AND DESTROYED :—

	lbs.	lbs.
(1) TUBERCULOSIS :		
(a) Generalised. Whole carcases destroyed :		
Oxen	36,332	
Pigs	0	
	——	36,332
(b) Localised.—Portions of carcases and Organs :		
Oxen	14,039	
Pigs	38	
	——	14,077
(2) FLUKY LIVERS (Distomatosis) :		
Oxen	6,070	
Sheep	597	
	——	6,667
(3) Miscellaneous Lesions, Cysts, Abscesses, Bruised Flesh, &c.		5,564
Grand Total		62,640

I have the honour to be, Mr. Mayor, Ladies and Gentlemen,

Your obedient Servant,

R. S. HOWE,

Meat Inspector.

APPENDIX B.

BOROUGH OF BUXTON.

Meteorological Office,

Buxton.

August 1st, 1947.

To the Mayor, Corporation and Citizens of Buxton.

I have pleasure in submitting the meteorological report for 1946, a year characterised by many vagaries.

The temperature for the whole year was slightly above the average, an unusually cold January, summer and December being offset by milder conditions in February, April, September and November. On July 12th the thermometer rose to 79 degrees, not a very outstanding score, but the best of the year. The coldest day was January 21st, when we had 17 degrees of frost.

For six months the prevailing wind was S.W.

The rain-gauge was working overtime during the year, and we achieved a 43 years' record, with a total of 59.57 ins. Five months were below the average, but unfortunately four of the summer months were well above the normal. The wettest day was February 7th, when 64.7 mm (just over 2½ ins.) fell in 24 hours. October was the driest month, the total fall being 23.1 mm.

1108.6 hours of bright sunshine were recorded in the year; the maximum for one day was 14.4 hours, on June 13th. May gained the distinction of being the sunniest month, with 182.1 hours. December's total of 12.2 hours was a less enviable distinction.

Daily readings and monthly summaries may be seen at any time.

It is not generally known that the Buxton Meteorological Station was inaugurated in 1868, and the instruments were presented to the Borough by the Devonshire Royal Hospital in 1923.

I should like to express my gratitude to Mr. J. A. Robinson, the Borough Librarian, for his services as deputy Meteorologist.

I remain ladies and gentlemen,

Your obedient servant,

E. W. PILKINGTON,
Borough Meteorologist.

BOROUGH OF BUXTON

Annual Report

OF THE

Senior Sanitary Inspector.

For the Year 1946.

PUBLIC HEALTH DEPARTMENT,

PEAK BUILDINGS,

BUXTON.

To the Mayor, Aldermen and Burgesses of the Borough of Buxton.

MR. MAYOR, LADIES AND GENTLEMEN,

I beg to submit for your consideration my Annual Report for the year 1946.

Mr. W. O. Coates, the late Senior Sanitary Inspector, fell ill in December 1945, and in consequence resigned his appointment in March of this year.

The whole of the administrative and inspectorial work of the Sanitary Section for 1946 was carried out by your Second (Acting Senior) Sanitary Inspector, ably assisted by Mr. R. Knowles, Second Additional Sanitary Inspector.

Every endeavour has been made to reduce the arrears caused by the lack of staff during the War.

INFECTIOUS DISEASE, REMOVAL OF PATIENTS TO HOSPITAL, DISINFECTIONS, ETC.

The following table gives the number of patients suffering from notifiable, and other infectious diseases, who were removed to the Borough Isolation Hospital during the year :—

	Buxton Borough	Other Authorities	Military Cases
Scarlet Fever	11	—	—
Poliomyelitis	1	—	—
Observation Cases :—			
Sore Throats	3	—	—
Diphtheria	3	1	—
Totals	18	1	—

The remaining cases notified were treated at home, and kept under observation by your officers.

Details in connection with disinfection are :—

Number of rooms disinfected	160
Number of houses or premises concerned.....	69
Number of articles of clothing, bedding, etc., disinfected at the disinfecting station	1,775
Corporation non-infectious ambulance (motor) disinfected times	50
Library books destroyed	6
Library books disinfected	18
Number of visits paid to premises in connection with infectious disease and disinfections	112

The disinfecting station is situated in the grounds of the Isolation Hospital, the machine being of the "Washington Lyons" type.

ISOLATION HOSPITAL.

The principal details of the year's working at this institution are given below :—

Total number of patients treated :—		
Admitted during the year, 1946	19	
Carried over from the year, 1945	2	
	—	21
Total number of days' maintenance :—		
Patient days	274	
Staff days	1,112	
	——	1,386

Average number of patients per day treated ..... .75

Average length of detention per patient 1 week, 6 days.

Average cost per day for maintenance (Provisions only exclusive of preparation) ..... 1s. 8.14d.

ASHPITS—DUSTBINS.

Only 15 Ashpits are in use, and these are located outside the "cleansing area."

Number of new standard galvanised iron dustbins provided during the year 1946 413

SEWERAGE AND DRAINAGE, ETC.

Suspension of sewerage extension schemes has postponed, due to the war, the redrainage of a considerable number of houses in the Harpur Hill area.

Details of drain tests made and of reconstructional repair work carried out during 1946 are given in the following table :—

Drains opened up and examined	22
Primary smoke tests applied to old drains	1
Primary chemical tests applied to old drains	8
Water tests applied to new drains	13
Coloured water tests for tracing leaks and connections	183
Sewer maintenance works executed (Sec. 24 P.H.A. 1936)	63
House drains reconstructed	16
House drains repaired	12

HOUSING.

Drastic curtailment of Housing Inspection and associated work was enforced by war conditions and depletion of staff. No formal action under the Housing Act, 1936, was taken.

Work done under the Housing and Public Health Acts during the year 1946 is summarised below:—

(a) HOUSING ACT, 1936.	
Number of houses inspected under Housing Act	92
(b) PUBLIC HEALTH ACT.	
Number of houses inspected for defects under Public Health Act	1,843
Number of houses at which defects were found and dealt with under the Public Health Act	220
Number of houses at which defects were remedied :—	
(1) By owners after notice under the Public Health Act	192
(2) By the Corporation :—	
(i) In default of owners	0
(ii) By agreement with owners following informal action	0
	192

FOOD INSPECTION, ETC.

Food inspection by the Sanitary Inspector was mainly confined to food other than meat ; and owing to trading conditions brought about by the functioning of the Ministry of Food this branch of work has considerably increased during and since the war period. Inspection of meat at time of slaughtering was wholly performed by the Meat Inspector, Mr. R. S. Howe, M.R.C.V.S.

Details of the work are set out below :—

Inspection of Shops and Market Stalls 574

UNSOUND FOOD SURRENDERED :—	No. of Articles	Wght in lbs.
(1) CONFECTIONERY, ETC. :—		
Fish Cakes	281	—
Crumpets	628	—
Puddings.....	80	—
Potato Cakes	157	—
Biscuits	—	2
Scones	312	—
Bread	—	2

	No. of Articles.	Wt. in lbs.
(2) FRUIT :—		
Dried Fruit	—	275
Dates	—	230
Fruit Cocktails (tinned)	3	—
Apricots (tinned)	5	—
Tomatoes (tinned)	6	—
Pears (tinned)	2	—
Grapes	—	180
(3) FISH :—		
Pilchards (tinned)	17	—
Salmon (tinned)	28	—
Sardines (tinned)	5	—
Herrings (tinned)	1	—
Mackerel (tinned)	1	—
Smoked Cod Fillets	—	344
Haddocks	—	75
Lemon Sole	—	84
Herrings	448	—
Kippers	185	—
(4) MILK :—		
Evaporated Milk (tinned)	179	—
Special Full Cream Milk (tinned)	2	—
(5) JAMS, ETC. :—		
Marmalade	—	6
Mixed Jam	—	37
Syrup	—	6
(6) VEGETABLES :—		
Baked Beans (tinned)	15	—
Peas (tinned)	22	—
Brocolli (mats)	106	—
(7) MEAT AND MEAT PRODUCTS :—		
Beef	—	448
Brisket Beef	—	4
Bacon	—	40
Meat and Vegetable (tinned)	52	—
Chopped Ham (tinned)	3	—
Ox Tongue (tinned)	—	6
Sausage	—	18
Vienna Sausage (tinned)	3	—
Stewed Steak (tinned)	44	—
(8) MISCELLANEOUS :—		
Eggs (Shell)	1,524	—
Flour	—	18
Ducks	51	—
Butter	—	18

COWSHEDS AND DAIRIES.

The milk supply of Buxton is derived from 50 sources; and of these 48 per cent. are farms situated outside the Borough.

The table below provides an analysis of the supplies:—

Producer/retailers: within the Borough	20
Producer/wholesalers: within the Borough	6
Producer/retailers: from without the Borough	12
Producer/wholesalers: from without the Borough	12
Total	50

Three producers within the Borough supply milk wholesale to dairies in Manchester and Stockport.

During the year a number of structural defects were remedied and other improvements effected, details of these being included in the concluding table appended to this section.

In the following table details are given respecting the persons and premises registered and the inspections made during the year:—

Number of Persons or Firms registered as Cowkeepers, Dairymen or Purveyors:—	
From within the Borough	46
From without the Borough	9
Total	55
Number of Dairy Premises registered:—	
(a) Cowsheds	30
(b) Dairies	24
(c) Retail Milk Shops	16
Inspections of Dairies:—	
(a) Cowsheds	114
(b) Dairies	189
(c) Milk Shops	69
Total	372

Contraventions of Order: Nuisances found and dealt with, Improvements, etc., effected:—

Default in limewashing during the prescribed months	10
Cowshed floors repaired	2
Accumulations of manure removed	3
Dairy floors repaired	3
Dairies limewashed	5

BACTERIOLOGICAL EXAMINATIONS OF MILK.

Number of samples taken in 1946 was 343, as against 243 for the year 1945.

Phosphatase tests for Pasteurised Milks, Methylene Blue Reduction Test and tests for Bacillus Coli for raw milks were carried out at the Devonshire Royal Hospital, Buxton. Guinea pig inoculation tests for Tubercle Bacilli and Phosphatase tests for Pasteurised Milks were carried out at the Derby County Public Health Laboratory.

Generally, the results of examination showed a maintenance in the standard of the milk supply in the year 1945, virtually approximating that of pre-war years.

Action as outlined in former annual reports, continued to be taken in respect of unsatisfactory supplies.

Details as to samples taken and results of tests are summarised in the accompanying table.

BACTERIOLOGICAL EXAMINATION OF MILK SAMPLES.

DESCRIPTION OF SAMPLE AND DESIGNATION OF MILK.		DESCRIPTION AND RESULTS OF TESTS.								
		Tubercle Bacilli (Guinea Pig Inoculation)			Bacillus Coli (In 0.01 M/L)		Methylene Blue Reduction Test		Phosphatase Test**	
		N'g'tive	Positive	No.* Result	Absent	Present	Passed	Failed	Under 2.3 L.B. Units Properly Pasteurised	Over 2.3 L.B. Units Improperly Pasteurised
PRIMARY SAMPLES:—	No. of Samples									
Non-Designated	124	54	2	6	59	2	59	2	—	—
Tuberculin Tested	18	7	—	2	9	—	9	—	—	—
Accredited	135	61	—	6	65	3	63	5	—	—
Pasteurised	40	—	—	—	—	—	37 3***	—	38	2
Total Primary Samples	317	122	2	14	133	5	171	7	38	2
RE-TAKE SAMPLES:—										
Non-Designated	13	6	1	1	3	2	5	—	—	—
Tuberculin Tested	1	1	—	—	—	—	—	—	—	—
Accredited	12	7	—	—	4	2	6	—	—	—
Pasteurised	—	—	—	—	—	—	—	—	—	—
Total Re-Take Samples	26	14	1	1	7	4	11	—	—	—
GRAND TOTALS	343	136	3	15	140	9	182	7	38	2

References *—Tubercle Bacilli—No Result—Guinea Pig died under Test.

**—L.B.—Lovi-Bond Units.

***—No Test—Shade temperature exceeded 65 deg. F.

FOOD AND DRUGS ACT, 1938.

The Derby County Council is the "Food and Drugs" Authority for the area and I am indebted to the County Analyst for the following report in respect of samples obtained within the Borough and action taken during the year 1946.

(1)	Total number of samples taken	67
(2)	Milk samples included in above total	32

Two samples of Milk were deficient in fat and one contained a small amount of added water. The vendors of these samples were cautioned.

One sample of Whiskey was found to contain added water. Proceedings were taken against the licensee who was fined £2 and £4 4s. costs.

The remaining samples were satisfactory.

WATER SUPPLY—SAMPLING.

Samples from the town's three principal reservoir supply areas, viz.:—Stanley Moor, Lightwood and Burbage, were taken each month for analysis by the Bio-chemist, Mr. J. Race, at the Laboratory, Devonshire Royal Hospital. The number of samples was:—

For chemical examination	36
For bacteriological examination	36
	72

Reference to this service is also made in the Medical Officer of Health's report.

FACTORIES.

Particulars as to registered factories, and work done under the Factories Act, 1937, are given below:—

Number of Factories on the Register (including Bake-houses)	111
Number of Inspections of Factories	136
List of Outworkers received from Employers	—
Inspection of Outworker's premises.....	—
List of Outworkers sent to other Authorities regarding Outworkers residing in their districts.....	—
Number of Notices received from H.M. Inspector of Factories	4

Number of defects found and dealt with :—

	Factories. With Mechanical Power.	Factories. Without Mechanical Power.	Bakehouses.	Total.
(a) Defects found	4	1	9	14
(b) Defects remedied ...	2	1	8	11

Classification of above defects :—

	Found	Remedied
Want of cleanliness	8	8
Inadequate ventilation	—	—
Sanitary Accommodation :—		
Unsuitable or defective	2	—
Not separate for sexes.....	—	—
Other Offences under Factories Act	4	3
Totals	14	11

SHOP ACTS.

Owing to depletion of inspectorial staff, administrative work under the Acts was drastically curtailed.

Work done during the year is summarised below :—

Number of shops entered in Register	428
Number of inspections of shops made during 1946.....	985

SMOKE ABATEMENT.

In October, 1943, the temporary " war-time" procedure outlined by Home Security Circular Nos. 139/140, and 211/1940, was rescinded. The Corporation's Byelaw, consequently, came again into operation ; subject to the condition that before any proceedings are taken for offences against the Byelaw, the Minister of Fuel and Power shall be consulted.

THEATRES, MUSIC HALLS, Etc.

There are four places of amusement in the Borough, viz : The Opera House, The Pavilion Gardens, The Spa Cinema, and The Playhouse.

All the establishments are well managed and have, during recent years, been modernized.

OFFENSIVE TRADES.

Particulars as to offensive trades established in the Borough and inspection of premises are given below :—

Established Trades—Tripe Boiler	1
Inspections Made	6

RATS AND MICE DESTRUCTION.

Sewer Rat Treatment Summary.

The treatment of rats in sewers commenced in December, 1945, and was completed in August, 1946.

Details of the work carried out and results of treatments are given below :—

Treatment No.	Manholes Treated	Pre-bait Takes Total Takes	Pre-bait Takes No Take	Poison Takes	Est. Kill
1st	797	353	444	323	5,800
2nd	969	259	710	271	2,506
Total ...	1,766	612	1,154	594	8,306

A Sewer Maintenance Treatment will commence early in 1947.

Private Dwellings Scheme. N.S. 12.

This scheme commenced in October, 1946, and consisted of a systematic survey of all dwelling-houses and business premises in the Borough for rats and/or mice. The Borough was divided into 17 areas. Two operatives making the survey, and the third carrying out the treatment of the infested premises.

Up to the end of the year 1946, the position stood as follows :—

No. of Premises visited.	No. Infested	No. Clear	No. treated up to 31/12/46	No. where post baits takes	No. Inf. Cleared
4,746	288	4,458	240	43	197

Total number of visits made under the Scheme amounted to 6,186.

Work carried out by Sanitary workmen following receipt of complaints from occupiers of premises :—

Visits made 652

*Kills of Rats and Mice, and methods used :—

	Rats	Mice
(a) Poison Baiting	88	26
(b) "Rat Lime Traps" (sticky board traps)	67	298
Totals	155	324

* The figures given are for dead rats and mice actually picked up and counted.

INSPECTIONS, NOTICES SERVED, NUISANCES ABATED, ETC.

Particulars as to the classification and number of inspections made, notices served and other action taken, and the number and nature of the nuisances abated and sanitary improvements effected as a result of such action, are set out in Appendices I, II and III.

In concluding this report, I desire to express my thanks for the support I have received from the Council, and from the members of the Health Committee; also for the ready help, kindness and courtesy that I have received from my brother Officers.

Further, I would express my thanks to the Public Health Department Staff for their loyal service.

I am, Mr. Mayor, Ladies and Gentlemen,

Your obedient Servant,

HARRY PEARSON,
Acting Senior Sanitary Inspector.

APPENDIX I.

SUMMARY OF INSPECTIONS MADE.

Infectious Disease—Investigations and Disinfections		82
Houses Inspected under Housing Acts		92
Houses inspected for defects under Public Health Acts:—		
On Complaint	95	
Routine Inspections	1,748	
	——	1,843
Houses Let in Lodgings		2
Complaints (General) investigated		92
General Inspections		549
Inspections of Cowsheds		114
,, ,, Dairies		189
,, ,, Milkshops		69
,, ,, Ice Cream Shops		30
,, ,, Factories		33
,, ,, Workshops		23
,, ,, Bakehouses		80
,, ,, Laundries		1
,, ,, Outworkers		0
,, ,, Slaughterhouses		0
,, ,, Butchers', Fishmongers', etc., Shops and Market Stalls		574
,, ,, Piggeries		5
,, ,, Food Preparation Premises...		154
,, ,, Fried Fish Shops		3
,, ,, Offensive Trades		6
,, ,, Stables		2
,, ,, Tents. Sheds, Vans, etc.		94
,, ,, Drainage work in progress		347
,, ,, Schools		7
,, ,, Theatres and places of amusement		4
Smoke Observations		16
Shop Acts—Visits and Inspections		985
Rat Infestation Survey		43
Sundry Visits		456
Re-inspections		2,287
		8,182

APPENDIX II.

NOTICES, &c.

INFORMAL NOTICES SERVED :—

Verbal	77
Letters	30
Written Notices	197
Total	304

STATUTORY NOTICES SERVED :—

Buxton Corporation Act, 1927.

Section 56—Unstop Drain	12
Section 78—Defective Dustbins	10

OTHER ACTION :—

Blocked Sewers reported to Borough Surveyor for attention	10

APPENDIX III.

NUISANCES ABATED AND SANITARY IMPROVEMENTS EFFECTED.

Houses and premises cleansed	15
Houses—Structure repaired	14
,, Roofs repaired	34
,, Dampness remedied	15
,, Window frames and/or sashes repaired	18
,, Window sash cords renewed	22
,, Cooking Ranges repaired/renewed	2
,, Handrail to staircase provided	1
,, Overcrowding abated	17
,, Eaves, gutters and rain water pipes repaired	10
,, Water fittings repaired	26
,, Water Supply, provided or restored	39
Sewers—Repaired, renewed or improved	4
,, Cleansed and emptied (unstopped)	59
Drains—Reconstructed...	16
,, Repaired	12
,, Unstopped and cleansed	502
,, Gullies and gully settings repaired	7
,, Inspection chambers repaired	9
,, New inspection chambers constructed	12
Cesspools emptied	5
Soil Pipes and Vents—New construction	3
,, ,, Old repaired	4
Pail Closets—New pails provided	1
,, ,, Converted to water closets	1
Water Closets—Additional closets provided	4
,, ,, W.C. cleansed	4
,, ,, Obsolete ped's replaced by app'd types	5
,, ,, Compartments lighted/ventilated	2
,, ,, Structure repaired	3
,, ,, Fittings repaired or renewed	6
,, ,, Flushing systems repaired	6
,, ,, New flushing systems provided	9
Urinals—Cleansed	3
Sinks—New sinks provided	7
Waste Pipes—New waste pipes provided	11
,, ,, Repaired	4
,, ,, Trapped	11
,, ,, Disconnected from drains	2
Portable galvanised iron Dustbins (New) provided	413
Yards—Unpaved yards paved	3
,, Defective pavings relaid	13
, Additional paved area provided	1
Accumulations removed	3
Improper keeping of animals discontinued	2
Miscellaneous nuisances abated	82
	1,442